Agile Client Developer's Conference
May 22nd-May 24th

Purpose

The Defense Information Systems Agency (DISA) Agile Client Developers Conference (ACDC) showcases the latest innovations in three dimensional Command and Control software. The ACDC is designed to empower software developers to understand the underlying technologies behind Agile Client. ACDC attendees will work with the developers of the Agile Client platform to assist in the development Agile Client Applications.

This conference is intended only for software developers and not for program managers.

Conference will enable developers to:

Understand the Agile Client Application Framework

Leverage proven open source technologies and the solid track record of GCCS-J integration experience to become a part of the dynamic ecosystem of Agile Client capabilities through Agile Client interfaces and module services.

Create Innovative Graphical Applications

Agile Client plugin developers will learn to integrate with the Java™ Binding for the OpenGL® API and the robust NASA World Wind technologies to provide an immersive tactical picture of the battlefield.

Learn Best Coding Practices

Work with industry leading security experts to help navigate newer application security requirements and understand the DISA Security Technical Implementation Guides (STIG) and how the latest standards apply to Agile Client plugin applications. Work with Agile Client developers to learn how to use memory management utilities to optimize performance for your application

What to bring

- A laptop suitable for 3d development and hands-on training
- $30 for Refreshments

Materials Provided at the Conference

- A CD with everything you need to start developing with Agile Client
- A CD covering materials at the confrence

Schedule Overview

Tuesday, May 22nd

Time	Activity	Presenter
08:00-09:00 AM	*Registration/ Badges* • Obtain Security Badges for building Access • Setup Computer/Laptop	
09:00-10:00 AM	*Conference Focus and Goals*	DISA
10:00-11:00 AM	*Agile Client Module Governance* • Deployment Strategies	DISA
11:00 -12:00 PM	*Agile Client Introduction and Overview* • General Architecture Approach • Overview of Features	NG
12:00 - 01:00 PM	*Lunch*	
01:00-2:30 AM	*World Wind Core Capabilities* • General Architecture of World Wind • Integrating Custom 3D Graphics	NASA
2:30-4:00 PM	*Gemfire Presentation* • Features and benefits of Gemfire	VMWare
4:00-5:00 PM	*Agile Client Walkthrough* • Installation/Setup • License • Demonstrate Major Features	NG

Wednesday, May 23nd

Time	Activity	Presenter
9:00– 10:30 AM	*Netbeans Setup* • Install Netbeans • Setup Project Dependencies	NG
10:30-12:00 PM	*Agile Client Services* • Explain Lookup services • Create sample missile and alert providers	NG
12:00-01:00 PM	*Lunch*	
1:00-3:00 PM	*Plot Management Framework* • Hands on Missile Injection Exercise Create PMF producer • Create PMF time transformer • Create Decorator • Create custom plot Plot Controls	NG
3:00 – 5:00 PM	*Agile Client Track Management*	NG

	• How to use Context providers and listeners in plugins • Create track injector using context interfaces • TestTMS	

Thursday May 24th

Time	Activity	Presenter
8:00-08:30 AM	*Best Practices -- Logging* • Java Logging	NG
8:30-09:30 AM	*Multiple Language Support With Agile Client and Netbeans*	NG
9:30-12:00 PM	*Developing Secure Applications* • Review of the application STIG and what that means for Agile Client Plugins	DISA IA
12:00-01:00 PM	*Lunch*	
1:00-3:00 PM	*Open Forum For Questions & Troubleshooting Support*	NG